5/18/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

MARCH 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

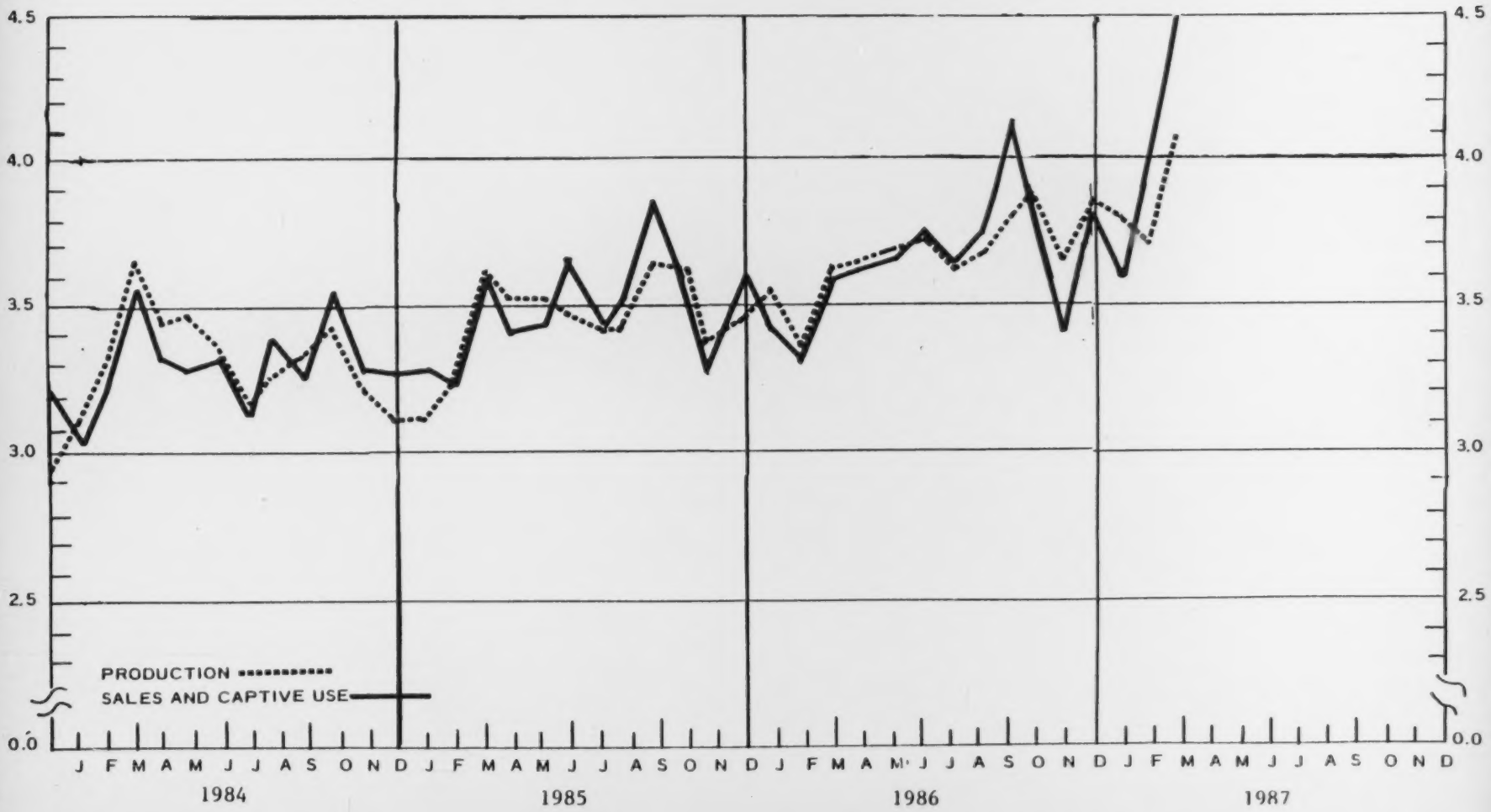
RELEASE DATE: MAY 15, 1987

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)


4.5
4.0
3.5
3.0
2.5
0.0
PRODUCTION
SALES AND CAPTIVE USE
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1984
1985
1986
1987

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

MARCH 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR TO DATE			MARCH			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	41,471	33,154	+25.1	101,366R	94,963	+ 6.7	36,546	32,645	+11.9	98,185R	91,437	+7.4
POLYESTER (UNSATURATED) RESINS, TOTAL	124,260	108,935	+14.1	326,334	309,952	+ 5.3	124,230	108,789	+14.2	329,667	307,848	+7.1
UREA RESINS, TOTAL	122,603	105,828	+15.9	329,212	298,818	+10.2	122,690	107,008	+14.7	337,077	300,839	+12.0
MELAMINE RESINS, TOTAL	18,228	15,429	+18.1	50,841	46,885	+ 8.4	18,374	16,720	+9.9	51,885	43,033	+20.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	238,568	227,110	+ 5.0	680,842	671,169	+ 1.4	234,465	225,799	+3.8	677,220	659,251	+2.7
THERMOSETTING RESINS, TOTAL	545,130	490,456	+11.1	1,488,595R	1,421,787	+ 4.7	536,305	490,961	+9.2	1,494,034R	1,402,408	+6.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	963,334	721,544	+33.5	2,445,308	2,060,823	+18.7	849,663	739,485	+14.9	2,375,028	2,252,783	+5.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	770,756	565,742	+36.2	1,960,400	1,581,229	+24.0	647,517	587,202	+10.3	1,877,031	1,690,794	+11.0
POLYPROPYLENE, TOTAL	571,872	467,260	+22.4	1,594,417	1,323,964	+20.4	521,509	487,032	+7.1	1,559,119	1,401,984	+11.2
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	100,615	92,108	+ 9.2	294,618	263,097	+12.0	99,348	95,620	+3.9	283,063	267,818	+5.7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,790	7,149	+50.9	30,146	21,031	+43.3	12,133	7,033	+72.5	34,113	23,114	+47.6
POLYSTYRENE RESINS, TOTAL	457,821	368,661	+24.2	1,245,504	1,036,894	+20.1	415,663	344,138	+20.8	1,173,538	991,972	+18.3
STYRENE BASED LATEXES, TOTAL **	85,500	67,369	+26.9	236,736R	206,886	+14.4	74,162	65,915	+12.5	217,225R	193,310	+12.4
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	21,332	25,725	-17.1	63,428	68,401	- 7.3	20,527	22,309	-8.0	60,087	65,724	-8.6
NYLON RESINS, TOTAL	44,365	37,865	+17.2	123,010	113,500	+ 8.4	44,315	40,385	+9.7	127,069	115,509	+10.0
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	699,866	622,202	+12.5	1,906,185	1,808,510	+ 5.4	664,465	635,368	+4.6	1,877,728	1,761,238	+6.6
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,406	59,469	+ 1.6	174,387	173,023	+ 0.8	*60,406	*59,469	+1.6	*174,387	*173,023	+0.8
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	17,422	15,660	+11.3	49,296	44,920	+ 9.7	18,974	15,562	+21.9	53,505	48,875	+9.5
THERMOPLASTIC POLYESTER, TOTAL	117,732	89,430	+31.6	308,127	255,457	+20.6	117,142	94,701	+23.7	314,350	267,176	+17.7
THERMOPLASTIC RESINS, TOTAL	3,921,811	3,140,184	+24.9	10,431,562R	8,957,735	+16.5	3,545,824	3,194,219	+11.0	10,126,243R	9,253,320	+9.4
GRAND TOTAL	4,466,941	3,630,640	+23.0	11,920,157R	10,379,522	+14.8	4,082,129	3,685,180	+10.8	11,620,277R	10,655,728	+9.1

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

(4) = The publishing of PVOH data is temporarily suspended until further notice.

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

All rights reserved. Reproduction, resale or other reuse of this material without the express, written consent of SPI is prohibited.

R = Revision

D = Disclosure

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

CRS

1987

RESIN KIND	Production	Imports	Exports*	Apparent Consumption	YEAR-TO-DATE Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL									
POLYESTER (UNSATURATED) RESINS, TOTAL									
UREA RESINS, TOTAL									
MELAMINE RESINS, TOTAL									
PHENOLIC & OTHER TAR ACID RESINS, TOTAL									
THERMOSETTING RESINS, TOTAL									
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL									
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL									
POLYPROPYLENE, TOTAL									
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL									
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL									
OTHER STYRENICS									
POLYSTYRENE, TOTAL									
NYLON RESINS, TOTAL									
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL									
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL									
POLYVINYL ALCOHOL, TOTAL									
OTHER VINYL RESINS, TOTAL									
THERMOPLASTIC POLYESTER, TOTAL									
THERMOPLASTIC RESINS, TOTAL									
GRAND TOTAL									

DUE TO A CHANGE IN THE GOVERNMENT RELEASE SCHEDULE DATES FOR THE IMPORT AND EXPORT DATA FOR 1987, THE APPARENT CONSUMPTION DATA IS NOT INCLUDED WITH THIS REPORT. THE MARCH 1987 APPARENT CONSUMPTION DATA WILL BE MAILED AS A SEPARATE REPORT WITH THE APRIL 1987 RESIN REPORT. THIS WILL CONTINUE FOR THE REMAINDER OF THE YEAR.

(1) = Except phenolic resins which are reported on a gross weight basis
D = Disclosure
R = Revision

(4) = The publishing of PVOH data is temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)
All rights reserved. Reproduction, resale or other reuse of this material without the express, written consent of SPI is prohibited.

Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	41,471	33,154	+25.1	101,366R	94,963	+ 6.7	36,546	32,645	+11.9	98,185R	91,437	+ 7.4
Total Exports	11,617	3,878	+199.6	19,357R	13,626	+42.1						
Captive Use, Total	1,158	1,090	+ 6.2	3,111R	3,279	- 5.1						
Domestic Sales, Total	28,696	28,186	+ 1.8	78,898R	78,058	+ 1.1						
Domestic Sales & Captive Use, Total	29,854	29,276	+ 2.0	82,009R	81,337	+ 0.8						
Bonding & Adhesives	2,073	1,957	+ 5.9	4,939R	5,241	- 5.8						
Flooring, Paving & Exposed Aggregate	2,002	1,813	+10.4	4,578R	4,396	+ 4.1						
Protective Coatings	15,264	14,901	+ 2.4	41,271R	40,650	+ 1.5						
Fiber Reinforced Laminates & Composites, Total	6,001	6,747	-11.1	18,335R	19,196	- 4.5						
FRL&C for Printed Wiring Board	4,422	4,803	- 7.9	13,309R	12,256	+ 8.6						
All Other FRL&C	1,579	1,944	-18.8	5,026R	6,940	-27.6						
Tooling, Casting & Molding Resins	1,865	1,780	+ 4.8	5,492R	5,752	- 4.5						
All Other Uses	2,649	2,078	+27.5	7,394	6,102	+21.2						
POLYESTER (UNSATURATED) RESINS, TOTAL	124,260	108,935	+14.1	326,334	309,952	+ 5.3	124,230	108,789	+14.2	329,667	307,848	+ 7.1
Total Exports	702	1,170	-40.0	1,652	2,850	-42.0						
Total Domestic	123,558	107,765	+14.7	324,682	307,102	+ 5.7						
General Purpose Resins, Total	108,318	93,867	+15.4	282,841	267,545	+ 5.7						
General Purpose - Thixotropic	48,632	40,481	+20.1	129,037	117,829	+ 9.5						
General Purpose - Press Molding	11,793	12,797	- 7.8	34,811	42,116	-17.3						
General Purpose - All Other	47,893	40,589	+18.0	118,993	107,600	+10.6						
Flame Retardant Resins	2,233	2,386	- 6.4	6,502	6,387	+ 1.8						
Chemical Resistant Resins	13,007	11,512	+13.0	35,339	33,170	+ 6.5						
Chemical Resistant Isophthalic Resins	10,291	9,271	+11.0	27,863	26,597	+ 4.8						
All Other Chemical Resistant Resins	2,716	2,241	+21.2	7,476	6,573	+13.7						
Reinforced Plastics, Total	95,882	83,386	+15.0	246,475	238,385	+ 3.4						
Non-Reinforced Plastics, Total	27,676	24,379	+13.5	78,207	68,717	+13.8						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

All rights reserved. Reproduction, resale or other reuse of this material without the express, written consent of SPI is prohibited.

THERMOSETTING RESINS

(In thousands of poun

RESIN KIND & USE	SALES & C MARCH 1987	1986	% Change
UREA RESINS, TOTAL	122,603	105,828	+15.9
MELAMINE RESINS, TOTAL	18,228	15,429	+18.1
UREA & MELAMINE RESINS, TOTAL	140,831	121,257	+16.1
Total Exports	D	D	
Total Domestic*	140,831	121,257	+16.1
Textile Treating & Coating Resins	2,116	1,203	+75.9
Paper Treating & Coating Resins	8,544	9,609	-11.1
Molding Compounds	D	D	
Bonding & Adhesive Resins for:	111,257	94,187	+18.1
Laminating	4,597	3,450	+33.2
Plywood	6,360	5,489	+15.9
Fibrous & Granulated Wood (Particle Board)	100,300	85,248	+17.7
Protective Coatings (Straight & Modified)	10,072	8,807	+14.4
All Other Uses (Includes Molding Compounds, and Exports)	8,842	7,451	+18.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	238,568	227,110	+5.0
Total Exports	1,623	1,291	+25.7
Total Domestic	236,945	225,819	+4.9
Molding Compounds	17,042	17,219	-1.0
Bonding & Adhesive Resins for:	212,673	204,940	+3.8
Laminating	17,059	15,075	+13.2
Coated & Bonded Abrasives	1,864	1,492	+24.9
Friction Materials	2,874	2,469	+16.4
Insulation Materials	31,512	33,501	-5.9
Foundry & Shell Molding	4,278	4,027	+6.2
Plywood	131,123	119,671	+9.6
Fibrous & Granulated Wood	19,617	20,756	-5.5
Resins Sold to Rubber Industry	1,555	2,545	-38.9
All Other	2,791	5,404	-48.4
Protective Coatings - Unmodified & Modified	2,385	2,022	+18.0
Resins Sold to Rubber Industry, Non-Adhesive Uses §	D	D	
All Other Uses §	4,845	1,638	+195.8

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

§ = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

Compiled by ERNST & WHINNEY, Washingto

All rights reserved. Repro
without the express

ON I

CRS

TICAL REPORT

STICS INDUSTRY, INC.

, dry weight basis)(1)

MARCH 1987

TIVE USE			PRODUCTION					
YEAR-TO-DATE			MARCH			YEAR TO DATE		
1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
329,212	298,818	+10.2	122,690	107,008	+14.7	332,077	300,839	+12.0
50,841	46,885	+8.4	18,374	16,720	+9.9	51,885	43,033	+20.6
380,053	345,703	+9.9	141,064	123,728	+14.0	388,962	343,872	+13.1
D	D							
380,053	345,703	+9.9						
6,409	4,869	+31.6	2,329	2,302	+1.2	7,017	6,963	+0.8
23,317	24,513	-4.9	8,695	9,788	-11.2	23,688	24,611	-3.8
D	D		D	D		D	D	
295,478	265,904	+11.1	110,777	93,508	+18.0	295,195	264,328	+11.7
12,268	10,563	+16.1	4,286	3,374	+27.0	11,519	10,137	+13.7
16,151	14,201	+13.7	6,471	5,522	+17.2	16,297	14,250	+14.4
267,059	241,140	+10.7	100,020	85,012	+17.7	267,379	239,951	+11.4
28,716	27,002	+6.3	11,796	10,696	+10.3	40,296	25,720	+56.7
26,133	23,415	+11.6	7,467	7,034	+ 6.2	22,766	22,250	+ 2.3
680,842	671,169	+1.4	234,465	225,799	+3.8	677,220	659,251	+2.7
4,552	3,876	+17.4						
676,290	667,293	+1.3						
49,344	53,209	-7.3	18,689	18,880	-1.0	53,053	55,143	-3.8
606,886	604,145	+0.5	208,284	203,185	+2.5	603,534	593,678	+1.7
49,543	47,599	+4.1	13,306	12,324	+8.0	46,051	39,137	+17.7
4,815	4,515	+6.6	1,874	1,508	+24.3	4,840	4,546	+6.5
8,075	7,171	+12.6	2,702	2,362	+14.4	7,718	6,801	+13.5
93,190	99,947	-6.8	31,583	33,636	-6.1	93,595	96,620	-3.1
11,431	11,171	+2.3	4,178	4,102	+1.9	11,264	11,106	+1.4
369,236	345,186	+7.0	130,775	120,028	+9.0	369,851	345,849	+6.9
57,975	63,763	-9.1	19,581	20,729	-5.5	57,751	63,884	-9.6
4,111	7,457	-44.9	1,508	2,867	-47.4	4,068	8,165	-50.2
8,510	17,336	-50.9	2,777	5,629	-50.7	8,396	17,570	-52.2
6,449	5,423	+18.9	2,390	1,980	+20.7	6,428	5,321	+20.8
D	D		D	D		D	D	
13,611	4,516	+201.4	5,102	1,754	+190.9	14,205	5,109	+178.0

D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)
tion, resale or other reuse of this material
ritten consent of SPI is prohibited.

D - Disclosure
R - Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	963,334	721,544	+33.5	2,445,308	2,060,823	+18.7	849,663	739,485	+14.9	2,375,028	2,252,783	+ 5.4
Total Exports	94,272	81,277	+16.0	259,357	224,095	+15.7						
Total Domestic	869,062	640,267	+35.7	2,185,951	1,836,728	+19.0						
Film (12 Mils & Below)	525,155	365,610	+43.6	1,317,945	1,083,527	+21.6						
Sheet (Over 12 Mils)	D	D		D	D							
Injection Molding	72,193	59,361	+21.6	174,627	149,821	+16.6						
Wire & Cable	33,663	27,885	+20.7	87,181	83,094	+ 4.9						
Extrusion Coating	77,517	61,145	+26.8	206,543	170,283	+21.3						
Blow Molding	3,858	2,908	+32.7	11,704	9,966	+17.4						
Pipe & Conduit, Total	653	2,552	-74.4	7,804	7,925	- 1.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	13,010	11,607	+12.1	33,248	28,957	+14.8						
Resellers & Compounders	64,711	42,759	+51.3	164,771	124,566	+32.3						
All Other Uses	78,302	66,440	+17.9	182,128	178,589	+ 2.0						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	770,756	565,742	+36.2	1,960,400	1,581,229	+24.0	647,517	587,202	+10.3	1,877,031	1,690,794	+11.0
Total Exports	85,913	71,858	+19.6	235,741	217,147	+ 8.6						
Total Domestic	684,843	493,884	+38.7	1,724,659	1,364,082	+26.4						
Film (12 Mils & Below)	53,589	42,155	+27.1	138,191	114,171	+21.0						
Sheet (Over 12 Mils)	23,920	12,424	+92.5	58,471	37,677	+55.2						
Injection Molding	179,546	120,566	+48.9	450,830	325,315	+38.6						
Wire & Cable	11,123	9,275	+19.9	31,453	29,681	+ 6.0						
Extrusion Coating	D	D		D	D							
Blow Molding	250,018	192,866	+29.6	666,815	556,762	+19.8						
Pipe & Conduit, Total	59,231	31,655	+87.1	130,044	94,242	+38.0						
Corrugated Pipe & Conduit	16,408	12,000	+36.7	36,663	27,503	+33.3						
Non-Corrugated Pipe & Conduit	42,823	19,655	+117.9	93,381	66,739	+39.9						
Other Extruded Products	4,399	4,046	+ 8.7	13,584	11,700	+16.1						
Resellers & Compounders	53,444	47,079	+13.5	130,322	115,659	+12.7						
All Other Uses	49,573	33,818	+46.6	104,949	78,875	+33.1						

(2) = Included in Other Extruded Products
(3) = Included in Film

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

All rights reserved. Reproduction, resale or other reuse of this material without the express, written consent of SPI is prohibited.

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	571,872	467,260	+22.4	1,594,417	1,323,964	+20.4	521,509	487,032	+ 7.1	1,559,119	1,401,984	+11.2
Total Exports	100,846	74,903	+34.6	313,282	233,057	+34.4						
Total Domestic	471,026	392,357	+20.1	1,281,135	1,090,907	+17.4						
Injection Molding	146,494	114,623	+27.8	379,399	324,936	+16.8						
Appliances	14,067	10,531	+33.6	37,585	31,367	+19.8						
Consumer Products	37,620	29,484	+27.6	89,947	81,040	+11.0						
Rigid Packaging	43,864	41,737	+ 5.1	117,978	111,020	+ 6.3						
Transportation	29,028	24,442	+18.8	81,195	76,892	+ 5.6						
All Other Injection Molding	21,915	8,429	+160.0	52,694	24,617	+114.1						
Blow Molding	10,096	7,729	+30.6	29,693	25,119	+18.2						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	42,874	35,485	+20.8	127,895	120,227	+ 6.4						
Sheet (Over 10 Mils)	7,629	3,329	+129.2	19,873	8,394	+136.8						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	150,716	126,112	+19.5	417,215	336,730	+23.9						
Textile Applications	141,191	117,612	+20.0	390,646	310,588	+25.8						
Non-Textile Monofilaments	9,525	8,500	+12.1	26,569	26,142	+ 1.6						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	13,086	6,342	+106.3	31,510	19,227	+63.9						
Resellers & Compounders	95,645	82,135	+16.4	262,187	225,340	+16.4						
All Other Uses	4,486	16,602	-73.0	13,363	30,934	-56.8						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

All rights reserved. Reproduction, resale or other reuse of this material without the express, written consent of SPI is prohibited.

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE-STYRENE (ABS) RESINS, TOTAL	100,615	92,108	+ 9.2	294,618	263,097	+12.0	99,348	95,620	+ 3.9	283,063	267,818	+ 5.7
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,790	7,149	+50.9	30,146	21,031	+43.3	12,133	7,033	+72.5	34,113	23,114	+47.6
Total Exports	3,009	593	+407.4	6,179	2,298	+168.9						
Total Domestic	7,781	6,556	+18.7	23,967	18,733	+27.9						
POLYSTYRENE RESINS, TOTAL	457,821	368,661	+24.2	1,245,504	1,036,894	+20.1	415,663	344,138	+20.8	1,173,538	991,972	+18.3
Straight Polystyrene	236,818	188,966	+25.3	661,231	536,725	+23.2	223,532	178,634	+25.1	625,705	529,917	+18.1
Rubber-Modified Polystyrene	221,003	179,695	+23.0	584,273	500,169	+16.8	192,131	165,504	+16.1	547,833	462,055	+18.6
Total Exports	12,635	12,302	+ 2.7	31,331	28,013	+11.8						
Straight Polystyrene	9,108	5,346	+70.4	20,726	13,794	+50.3						
Rubber-Modified Polystyrene	3,527	6,956	-49.3	10,605	14,219	-25.4						
Total Domestic	445,186	356,359	+24.9	1,214,173	1,008,881	+20.3						
Molding	168,574	128,967	+30.7	452,672	363,052	+24.7						
Extrusion	208,191	156,465	+33.1	551,433	452,460	+21.9						
Expandable Polystyrene Beads	39,772	39,436	+ 0.9	132,272	103,620	+27.7						
All Other Uses	28,649	31,491	- 9.0	77,796	89,749	-13.3						
Polystyrene End Uses, Total**	445,186	356,359	+24.9	1,214,173	1,008,881	+20.3						
Packaging	122,487	79,280	+54.5	319,520	244,358	+30.8						
Disposables	72,101	45,017	+60.2	194,936	127,896	+52.4						
Consumer and Institutional Products	73,711	43,424	+69.7	193,329	125,520	+54.0						
Electrical/Electronics	44,829	29,814	+50.4	121,378	90,590	+34.0						
Furniture, Furnishings, Building & Construction	24,806	16,101	+54.1	68,522	45,018	+52.2						
Expandable Polystyrene Beads	39,772	39,436	+ 0.9	132,272	103,620	+27.7						
Resellers and Compounders	37,259	50,945	-26.9	108,683	125,025	-13.1						
All Other End Uses	30,221	52,342	-42.3	75,533	146,854	-48.6						

** = Portions of the End Use Section are estimated.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE OF RESIN STATISTICS (CRS)

All rights reserved. Reproduction, resale or other reuse of his material without the express, written consent of SPI is prohibited.

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL	85,500	67,369	+26.9	236,736R	206,886	+14.4	74,162	65,915	-12.5	217,225R	193,310	+12.4
Paper Treating	4,248	3,843	+10.5	17,018	12,671	+34.3						
Textile Treating	755	1,718	-56.1	2,885R	5,069	-43.1						
Carpet Backing	35,407	19,851	+78.4	88,265R	70,121	+25.9						
All Other Uses (Including Exports & Paper Coating)	45,090	41,957	+7.5	128,568	119,025	+8.0						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	21,332	25,725	-17.1	63,428	68,401	- 7.3	20,527	22,309	- 8.0	60,087	65,224	- 8.6
Total Export	D	D	D	D	D	D						
Total Domestic	D	D	D	D	D	D						
Molding & Extrusion	D	D	D	D	D	D						
Coatings	D	D	D	D	D	D						
NYLON RESINS, TOTAL	44,365	37,865	+17.2	123,010	113,500	+ 8.4	44,315	40,385	+ 9.7	127,069	115,509	+10.0
Total Exports	4,742	3,148	+50.6	12,417	8,505	+46.0						
Total Domestic	39,623	34,717	+14.1	110,593	104,995	+ 5.3						
Injection Molding Grade	25,322	23,772	+ 6.5	69,959	70,591	- 0.9						
Extrusion Grade	11,014	8,511	+29.4	31,539	27,426	+15.0						
Resellers and Compounders	2,111	1,660	+27.2	5,836	5,013	+16.4						
All Other Uses	1,176	774	+51.9	3,259	1,965	+65.9						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Styrene Based Latexes sales includes some Canadian-produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

All rights reserved. Reproduction, resale or other reuse of this material without the express, written consent of SPI is prohibited.

D - Disclosure
R - Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR TO-DATE			MARCH			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	699,866	622,202	+12.5	1,906,185	1,808,510	+ 5.4	664,465	63[illegible]08	+ 4.6	1,877,728	1,761,238	+ 6.6
Homopolymer Resins Including Blending & Latex	643,500	567,718	+13.3	1,758,019	1,656,953	+ 6.1	615,153	587,593	+ 4.7	1,730,933	1,613,595	+ 7.3
Copolymer Resins Including Blending & Latex	14,896	18,492	-19.4	41,022	52,822	-22.3	15,422	17,285	-10.8	45,990	49,942	- 7.9
Dispersion Resins	41,470	35,992	+15.2	107,144	98,735	+ 8.5	33,890	30,490	+11.2	100,805	97,701	+ 3.2
Total Exports	34,780	27,699	+25.6	101,256	80,957	+25.1						
Total Domestic	665,086	594,503	+11.9	1,804,929	1,727,553	+ 4.5						
Calendering, Total	64,060	72,490	-11.6	166,633	186,946	-10.9						
Flooring	12,205	15,759	-22.6	33,460	41,949	-20.2						
Textile	10,275	6,793	+51.3	23,628	19,697	+20.0						
All Other Calendering Uses	41,580	49,938	-16.7	109,545	125,300	-12.6						
Coating, Total	33,453	27,712	+20.7	86,799	76,490	+13.5						
Flooring	14,537	11,379	+27.8	37,105	31,831	+16.6						
Textile & Paper Coating	10,520	8,703	+20.9	26,777	23,486	+14.0						
Protective Coatings	4,425	4,231	+ 4.6	12,168	11,845	+ 2.7						
Adhesives & All Other Coating Uses	3,971	3,399	+16.8	10,749	9,328	+15.2						
Extrusion, Total	461,765	406,604	+13.6	1,270,542	1,187,077	+ 7.0						
Wire & Cable	46,026	41,250	+11.6	109,674	113,916	- 3.7						
Film & Sheet, Packaging	24,058	20,801	+15.7	65,262	63,271	+ 3.1						
Film & Sheet, Non-Packaging	4,581	N/A		11,359	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	52,070	51,690	+ 0.7	143,750	127,123	+13.1						
Rigid Pipe & Tubing (Except Fittings)	288,121	242,682	+18.7	809,419	737,296	+ 9.8						
All Other Extrusions	46,909	50,181	- 6.5	131,078	145,471	- 9.9						
Molding, Total	46,442	39,016	+19.0	119,758	127,943	- 6.4						
Bottles	17,683	15,190	+16.4	44,712	47,398	- 5.7						
Fittings (Rigid Pipe & Tubing)	12,619	11,962	+ 5.5	32,459	40,908	-20.7						
All Other Molding	16,140	11,864	+36.0	42,587	39,637	+ 7.4						
Paste Processes (Except Coating)	14,376	13,412	+ 7.2	39,001	41,845	- 6.8						
Plastisol Formulation	8,187	7,268	+12.6	20,969	20,791	+ 0.9						
All Other	6,189	6,144	+ 0.7	18,032	21,054	-14.4						
Resellers & Compounders	33,230	22,475	+47.9	87,938	66,431	+32.4						
All Other Uses	11,760	12,794	- 8.1	34,258	40,821	-16.1						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R - Revision

All rights reserved. Reproduction, resale or other reuse of this material without the express, written consent of SPI is prohibited.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR TO DATE			MARCH			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,406	59,469	+ 1.6	174,387	173,023	+ 0.8	60,406	59,469	+ 1.6	174,387	173,023	+ 0.8
Total Exports	700	483	+44.9	1,524	1,520	+ 0.3						
Total Domestic	59,706	58,986	+ 1.2	172,863	171,503	+ 0.8						
Emulsion Paints	20,813	19,830	+ 5.0	60,756	58,754	+ 3.4						
Adhesives, Caulks and Sealants	21,064	22,093	- 4.7	61,698	63,600	- 3.0						
Paper Treating & Paper Coating	9,805	9,531	+ 2.9	28,202	27,120	+ 4.0						
Textile Treating	2,694	2,798	- 3.7	7,576	8,495	-10.8						
Non-Woven Binders	D	D		D	D							
All Other Uses	5,330	4,734	+12.6	14,631	13,534	+ 8.1						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	17,422	15,660	+11.3	49,296	44,920	+ 9.7	18,974	15,562	+21.9	53,505	48,872	+ 9.5
Total Exports	4,898	5,479	-10.6	15,361	12,291	+25.0						
Total Domestic	12,524	10,181	+23.0	33,935	32,629	+ 4.0						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	117,732	89,430	+31.6	308,127	255,457	+20.6	117,142	94,701	+23.7	314,350	267,176	+17.7
Total Exports	16,305	11,859	+37.5	38,576	33,032	+16.5						
Total Domestic	101,427	77,571	+30.8	269,551	222,425	+21.2						
PET Bottle Grades	70,703	54,460	+29.8	198,835	156,956	+26.7						
All Other Thermoplastic Polyester**	30,724	23,111	+32.9	70,816	65,469	+ 8.2						

** = Includes All Other PET and All Injection Molding Grades

= Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

All rights reserved. Reproduction, resale or other reuse of this material without the express, written consent of SPI is prohibited.

R = Revision

D = Disclosure